

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104651.D
 Acq On : 20 Apr 2018 1:35
 Operator : JU/SJ
 Sample : PB108340BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BL

Quant Time: Apr 20 02:30:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	124138	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	502641	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	204923	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	310229	20.00	ng	0.00
75) Chrysene-d12	13.97	240	257716	20.00	ng	-0.01
86) Perylene-d12	15.44	264	200311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	874823	107.76	ng	0.01
7) Phenol-d6	6.45	99	1045647	104.83	ng	0.00
23) Nitrobenzene-d5	7.37	82	660601	85.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	209002	98.32	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1148785	88.56	ng	0.00
78) Terphenyl-d14	12.92	244	860968	76.16	ng	0.00

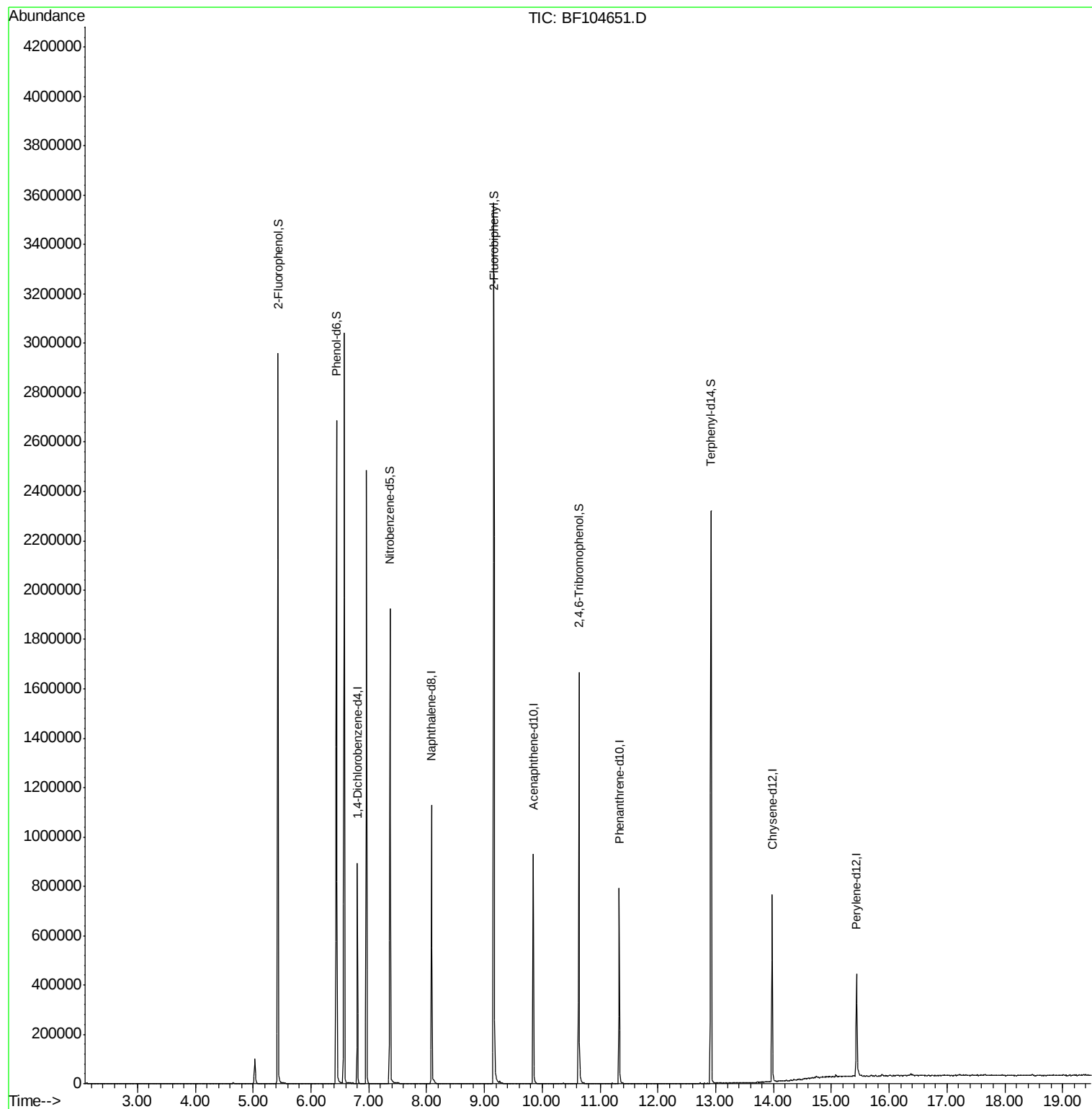
Target Compounds Qvalue

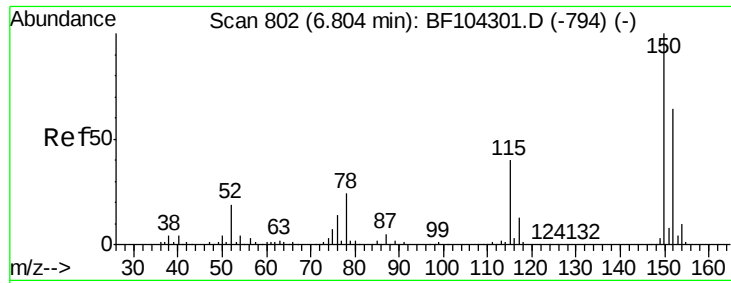
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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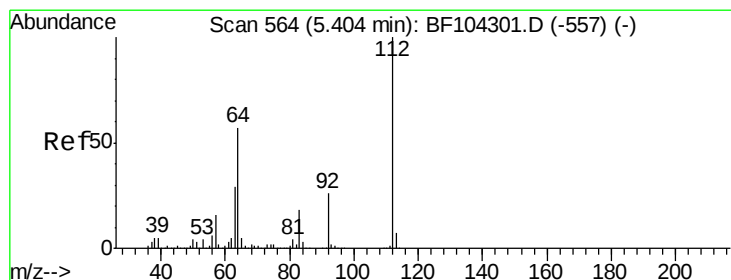
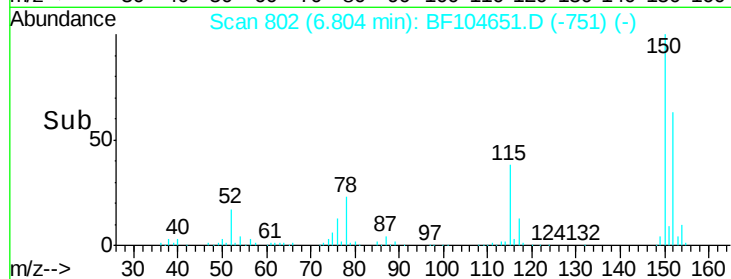
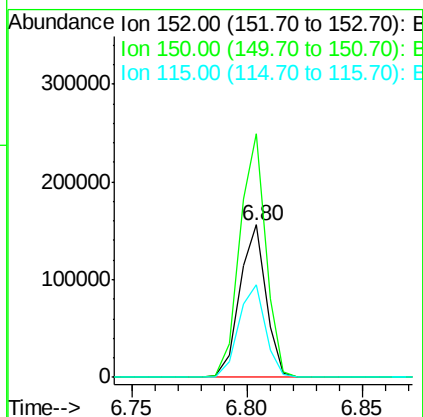
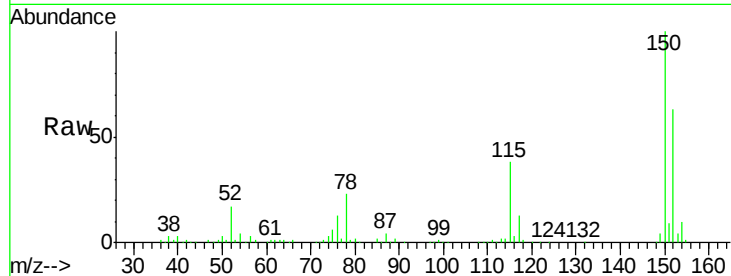


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104651.D
Acq: 20 Apr 2018 1:35

Instrument :
BNA_F
ClientSampleId :
PB108340BL

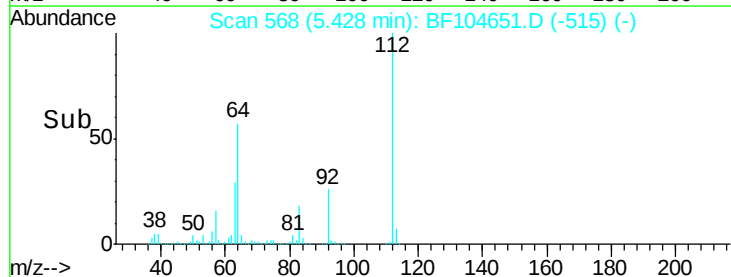
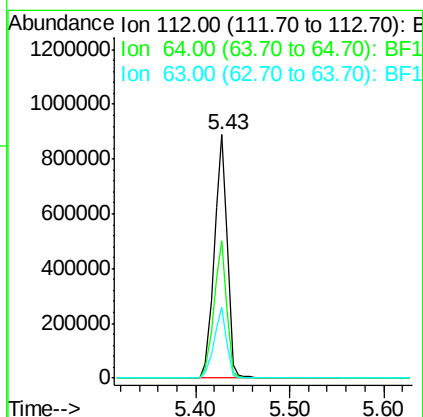
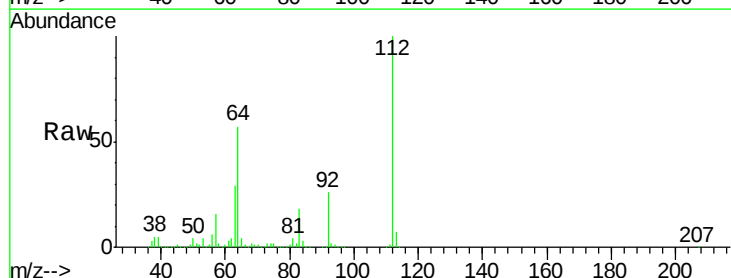
Tot Ion:152 Resp: 124138
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 60.8 50.1 75.1

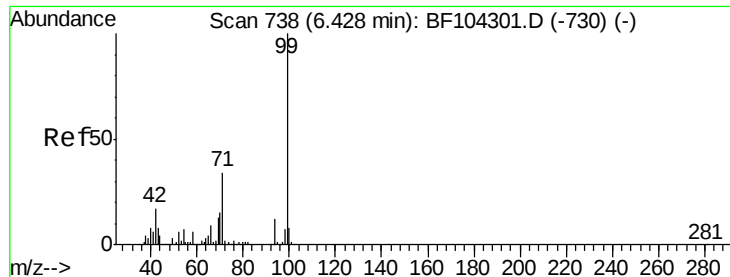


#5

2-Fluorophenol
Concen: 107.755 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104651.D
Acq: 20 Apr 2018 1:35

Tgt Ion:112 Resp: 874823
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 104.825 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104651.D

Acq: 20 Apr 2018 1:35

Instrument :

BNA_F

ClientSampled :

PB108340BL

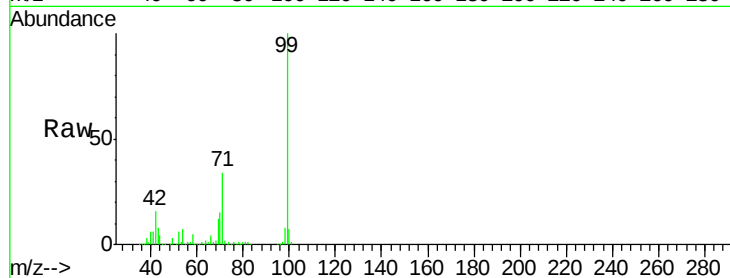
Tot Ion: 99 Resp: 1045647

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

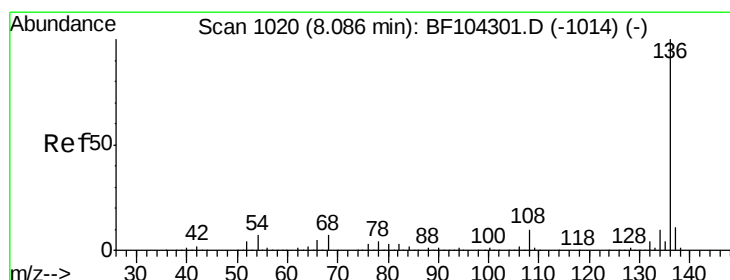
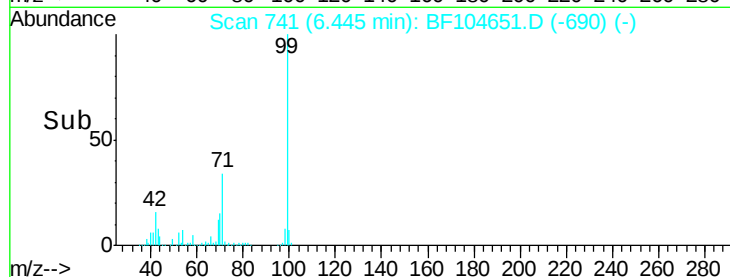
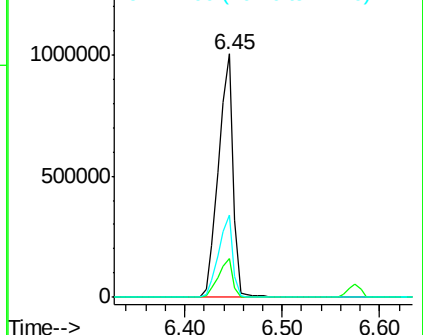
71 33.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104651.D

Acq: 20 Apr 2018 1:35

Tgt Ion: 136 Resp: 502641

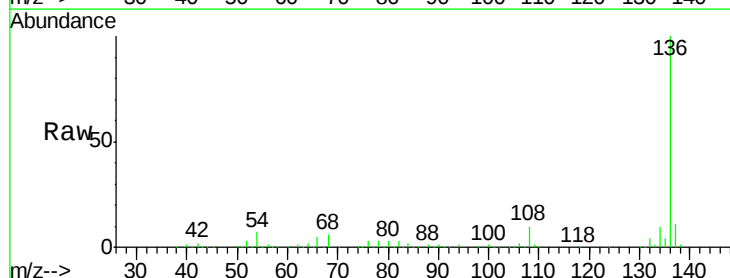
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.0 6.6 9.8

68 5.9 5.0 7.4

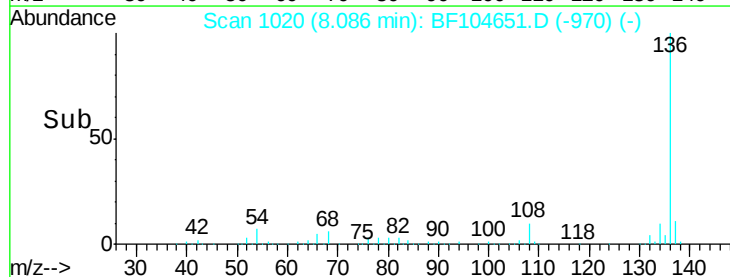
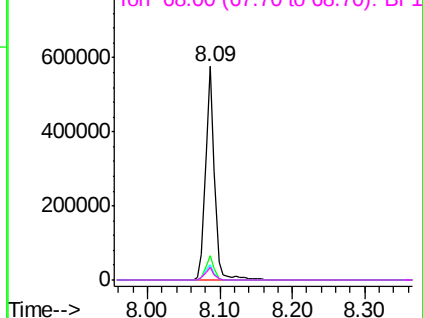


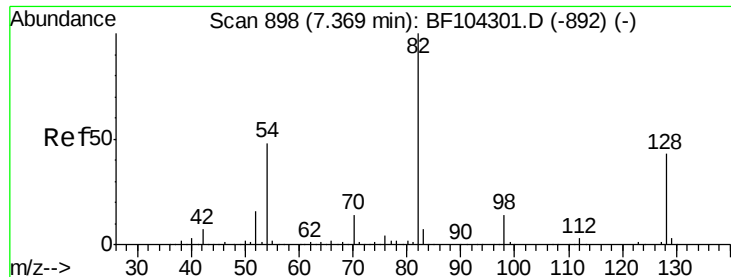
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

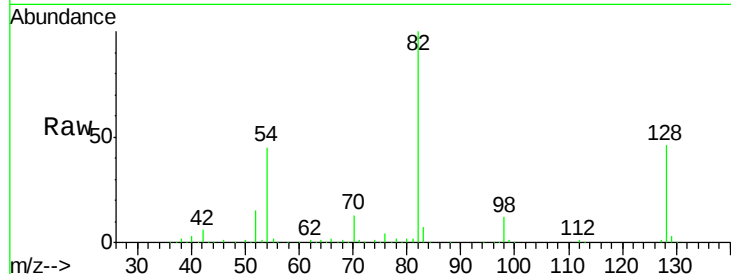




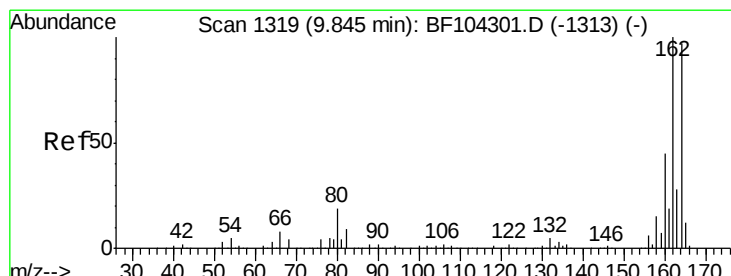
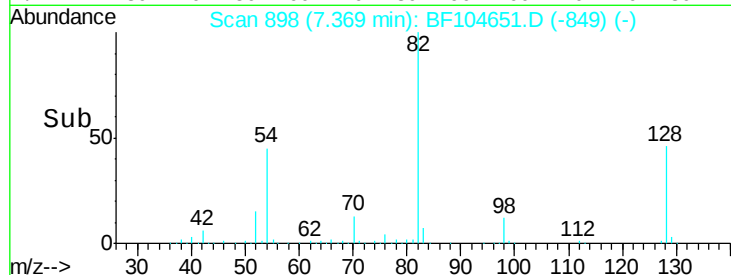
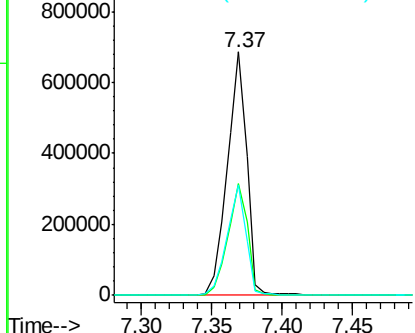
#23
 Nitrobenzene-d5
 Concen: 85.819 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104651.D
 Acq: 20 Apr 2018 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BL

Tot Ion	82	Resp	660601
Ion Ratio	100	Lower	Upper
128	45.7	36.1	54.1
54	45.3	41.4	62.2

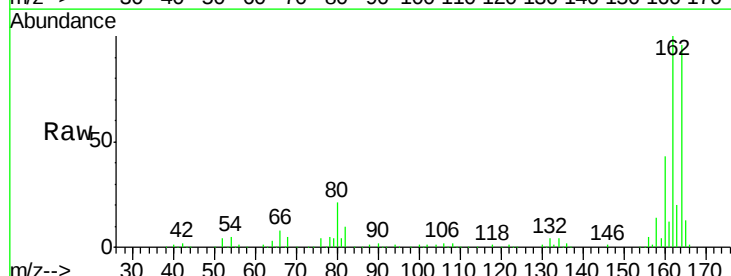


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

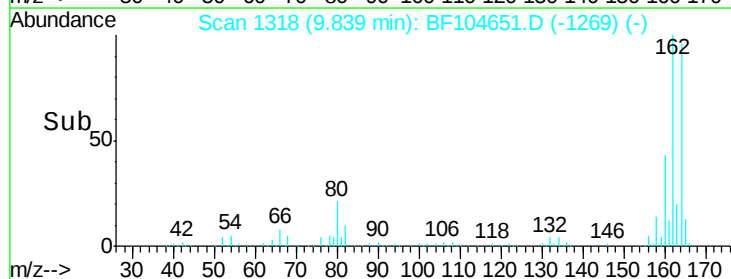
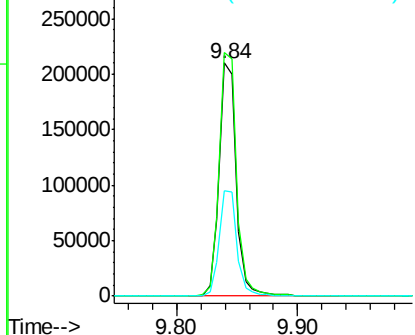


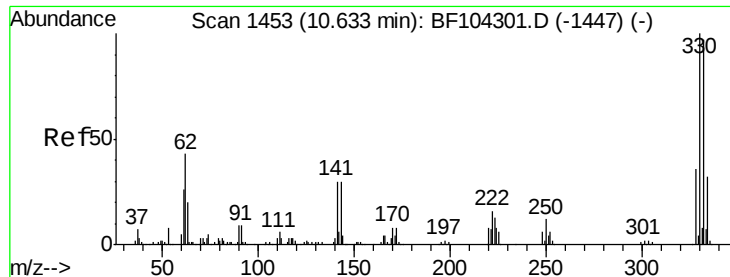
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104651.D
 Acq: 20 Apr 2018 1:35

Tgt Ion	164	Resp	204923
Ion Ratio	100	Lower	Upper
162	104.5	86.1	129.1
160	45.2	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

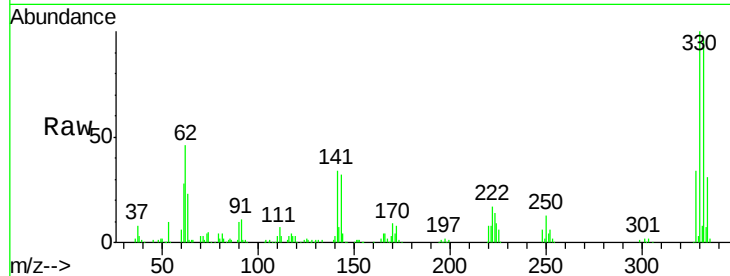




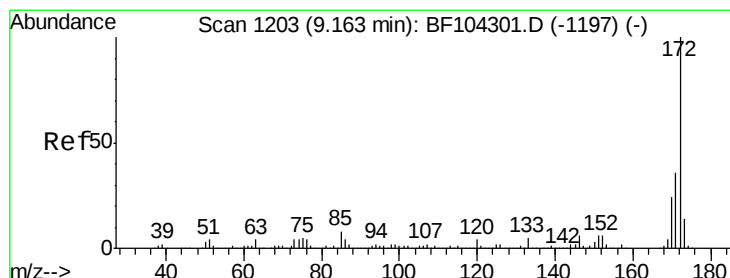
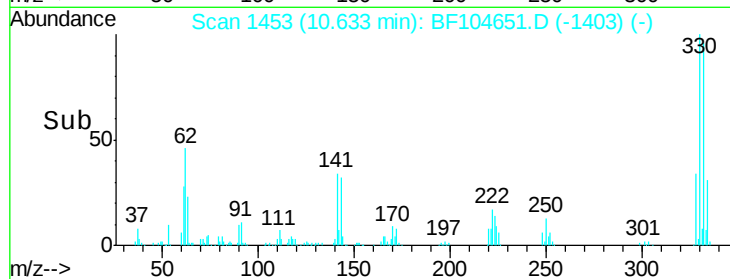
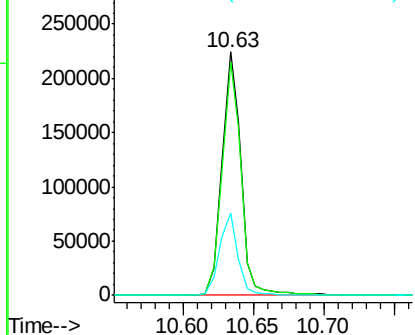
#41
 2,4,6-Tribromophenol
 Concen: 98.320 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104651.D
 Acq: 20 Apr 2018 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108340BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.4	29.9	44.9

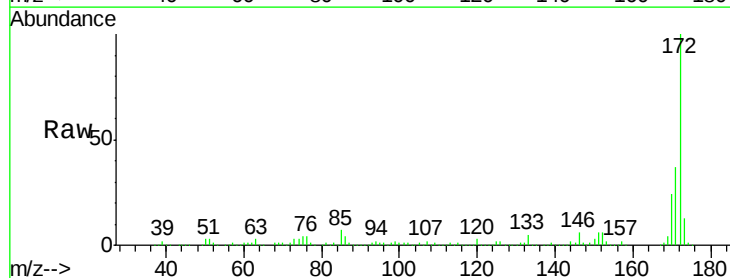


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

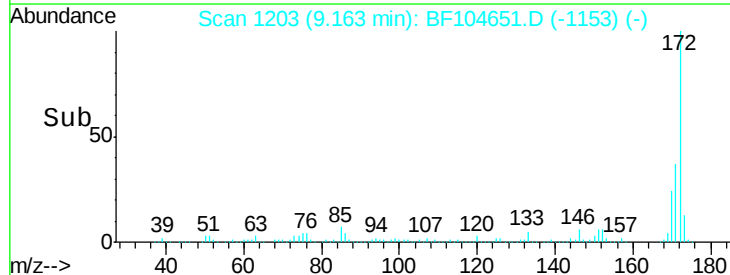
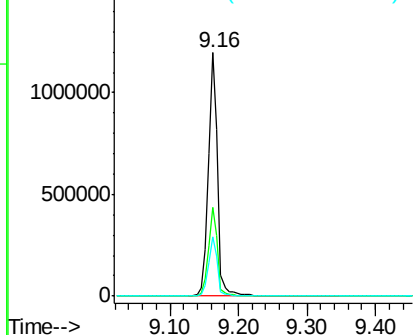


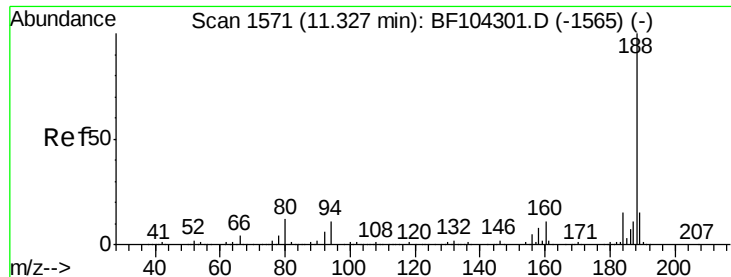
#44
 2-Fluorobiphenyl
 Concen: 88.560 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104651.D
 Acq: 20 Apr 2018 1:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

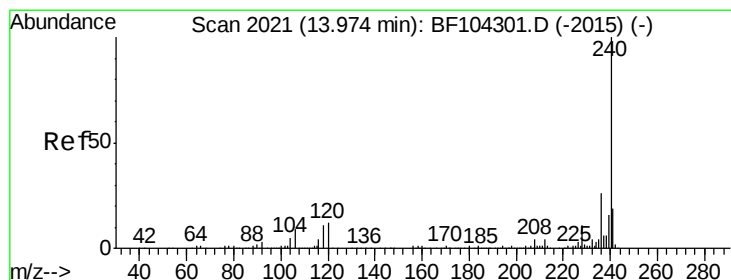
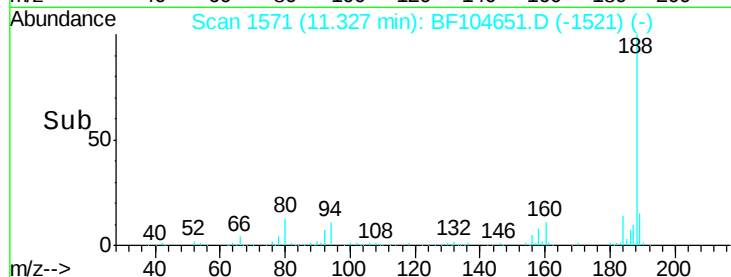
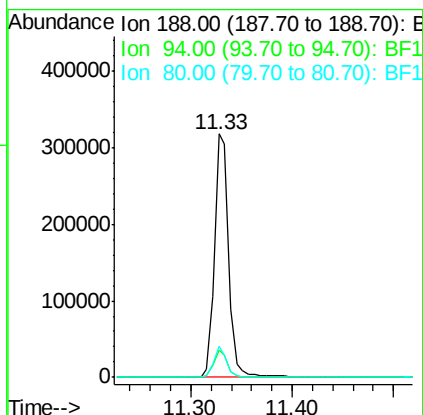
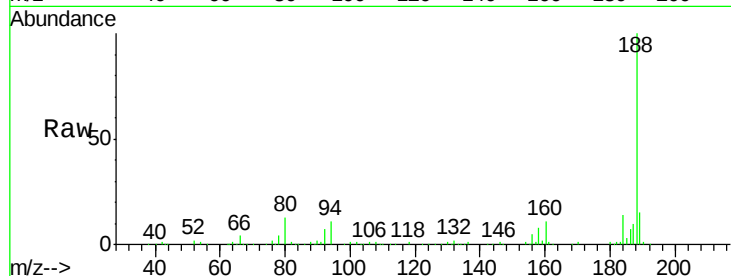




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104651.D
Acq: 20 Apr 2018 1:35

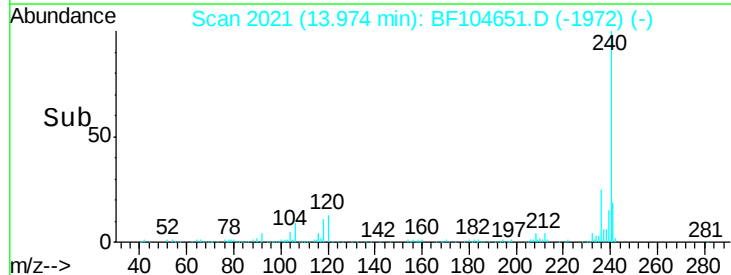
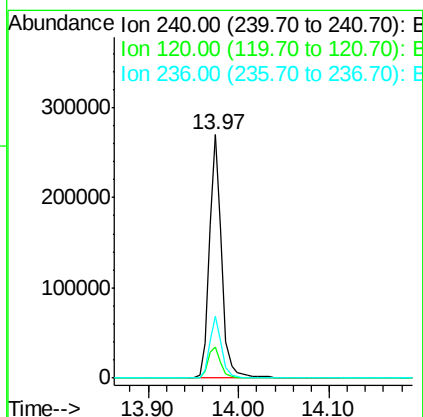
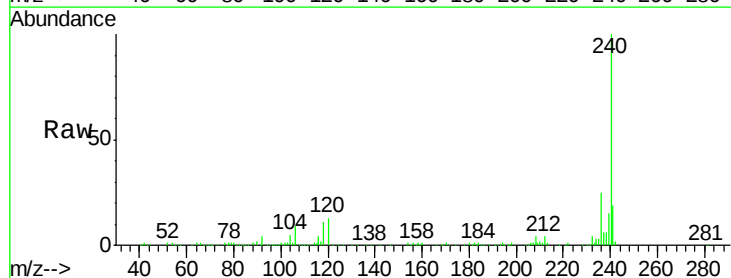
Instrument :
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PB108340BL

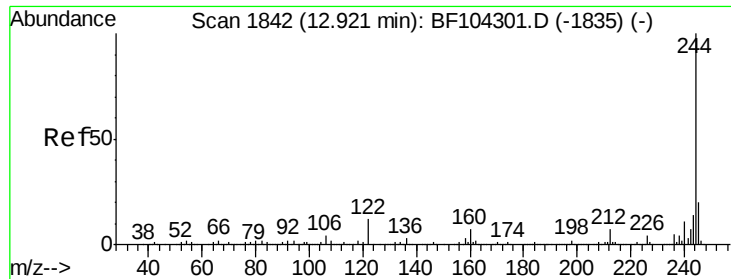
Tot Ion:188 Resp: 310229
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104651.D
Acq: 20 Apr 2018 1:35

Tgt Ion:240 Resp: 257716
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 76.164 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104651.D

Acq: 20 Apr 2018 1:35

Instrument :

BNA_F

ClientSampleId :

PB108340BL

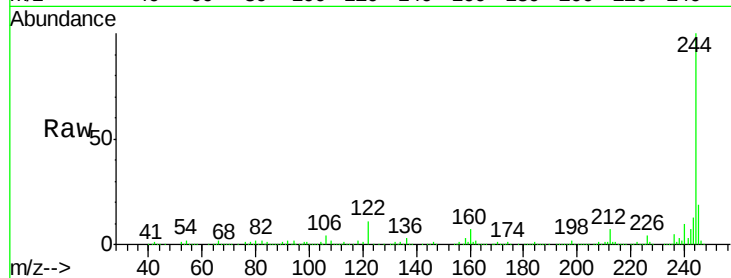
Tot Ion:244 Resp: 860968

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

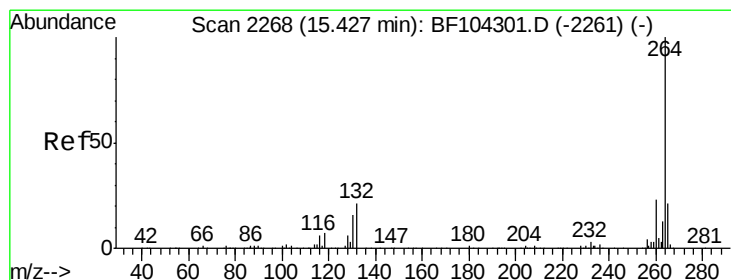
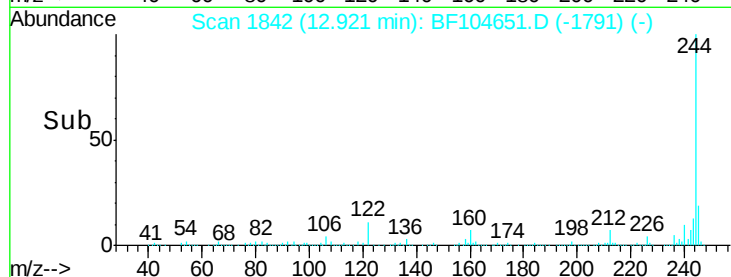
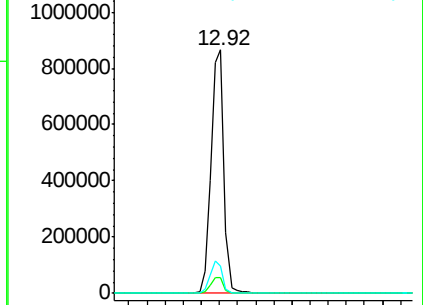
122 11.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF104651.D

Acq: 20 Apr 2018 1:35

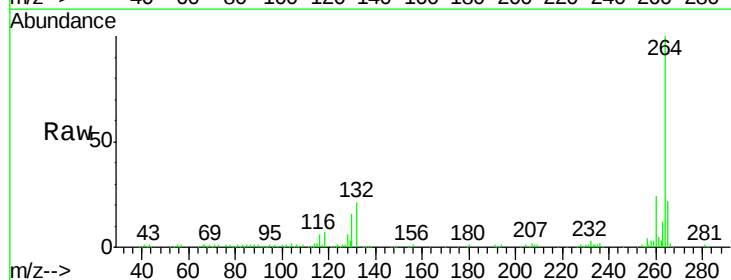
Tgt Ion:264 Resp: 200311

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

